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Stress Engineering Services, Inc. TEST REPORT

SCOPE OF WORK

EMC TESTING – IGROWTH GENERATION 2 KITCHEN DEVICE

REPORT NUMBER

104797984LEX-001

ISSUE DATE

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22

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Non-Specific EMC Report Shell Rev. December 2017
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EMC TEST REPORT

(FULL COMPLIANCE)

Report Number: 104797984LEX-001

Project Number: G104797984

Report Issue Date: 12/3/2021

Model(s) Tested: iGrowth Generation 2 Kitchen Device

Standards: FCC Part 15B
FCC Part 15.225
RSS-210 Issue 10
ICES-003 Issue 7

Tested by:
Intertek Testing Services NA, Inc.
731 Enterprise Dr.
Lexington, KY 40510
USA

Client:
Stress Engineering Services, Inc.
7030 Stress Engineering Way
Mason, OH 45040-7386
USA

Report prepared by



Brian Lackey, Staff Engineer

Report reviewed by



Bryan Taylor, Team Leader

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1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 4.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested **complies** with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested. Intertek does not make any claims of compliance for samples or variants which were not tested.

2 Test Summary

| Section | Test full name | Result |
|---------|---|--------|
| 6 | Radiated Emissions (Transmitters Idle) (ANSI C63.4:2014) | Pass |
| 7 | Radiated Spurious Emissions (Transmitters Active) (ANSI C63.10:2013, RSS-210 Issue 10) | Pass |
| 8 | Frequency Stability (ANSI C63.10:2013, RSS-210-Issue 10) | Pass |
| 9 | Occupied Bandwidth (ANSI C63.10:2013, RSS-Gen Issue 5) | Pass |
| 10 | Antenna Requirement (FCC Part 15.203, RSS-Gen Issue 5) | Pass |



3 Client Information

This product was tested at the request of the following:

| Client Information | |
|------------------------------|--|
| Client Name: | Stress Engineering Services, Inc. |
| Address: | 7030 Stress Engineering Way Mason, OH 45040-7386 USA |
| Contact: | Joe Bullard |
| Email: | Joseph.bullard@stress.com |
| Manufacturer Information | |
| Manufacturer Name: | Stress Engineering Services, Inc. |
| Manufacturer Address: | 7030 Stress Engineering Way Mason, OH 45040-7386 USA |



4 Description of Equipment under Test and Variant Models

| Equipment Under Test | |
|---|-------------------------------------|
| Product Name | iGrowth Generation 2 Kitchen Device |
| Model Number | 3283 |
| Serial Number | PT2.0-P00021 |
| Test Start Date | 10/22/2021 |
| Test End Date | 12/1/2021 |
| Device Received Condition | Good |
| Test Sample Type | Production |
| Input Rating | 7.5VDC |
| Description of Equipment Under Test (provided by client) | |
| 2nd Generation kitchen towel consumption monitoring device for consumer research studies. | |

4.1 Variant Models:

There were no variant models covered by this evaluation.



5 System Setup and Method

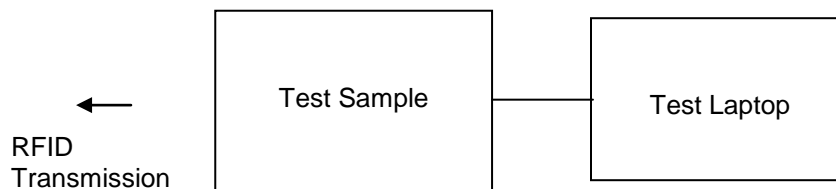
5.1 Method:

Configuration as required by ANSI C63.4:2014 and ANSI C63.10:2013.

| No. | Descriptions of EUT Exercising |
|-----|--|
| 1 | During the testing the iGrowth Generation 2 Kitchen Device was transmitting a 13.5MHz RFID signal. |
| 2 | Idle mode with the RFID radio not transmitting. |

| Cables | | | | | |
|--------|-------------|------------|-----------|----------|-------------|
| Qty | Description | Length (m) | Shielding | Ferrites | Termination |
| 1 | USB | 1 | None | None | Test Laptop |

5.2 EUT Block Diagram:





6 Radiated Emissions

6.1 Method

Tests are performed in accordance with ANSI C63.4:2014.

TEST SITE: 10m ALSE

Site Designation: 10m Chamber

Measurement Uncertainty

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | U _{CISPR} |
|-------------------------|-----------------|----------------------------|--------------------|
| Radiated Emissions, 10m | 30-1000 MHz | 3.9dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 4.0dB | 6.3 dB |
| Radiated Emissions, 3m | 1-6 GHz | 4.7dB | 5.2 dB |
| Radiated Emissions, 3m | 6-15 GHz | 4.7dB | 5.5 dB |
| Radiated Emissions, 3m | 15-18 GHz | 4.7dB | 5.5 dB |
| Radiated Emissions, 3m | 18-40 GHz | 4.7dB | 5.5 dB |

As shown in the table above our radiated emissions U_{lab} is less than the corresponding U_{CISPR} reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required.



6.2 Sample Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF - AG$$

Where

- FS = Field Strength in dB μ V/m
- RA = Receiver Amplitude (including preamplifier) in dB μ V
- CF = Cable Attenuation Factor in dB
- AF = Antenna Factor in dB
- AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dB μ V is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dB μ V/m. This value in dB μ V/m was converted to its corresponding level in μ V/m.

RA = 52.0 dB μ V
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dB μ V/m

To convert from dB μ V to μ V or mV the following was used:

$$UF = 10^{(NF / 20)} \text{ where } UF = \text{Net Reading in } \mu\text{V}$$

NF = Net Reading in dB μ V

Example:

$$FS = RA + AF + CF - AG = 52.0 + 7.4 + 1.6 - 29.0 = 32.0$$
$$UF = 10^{(32 \text{ dB}\mu\text{V} / 20)} = 39.8 \mu\text{V/m}$$

**6.3 Test Equipment Used:**

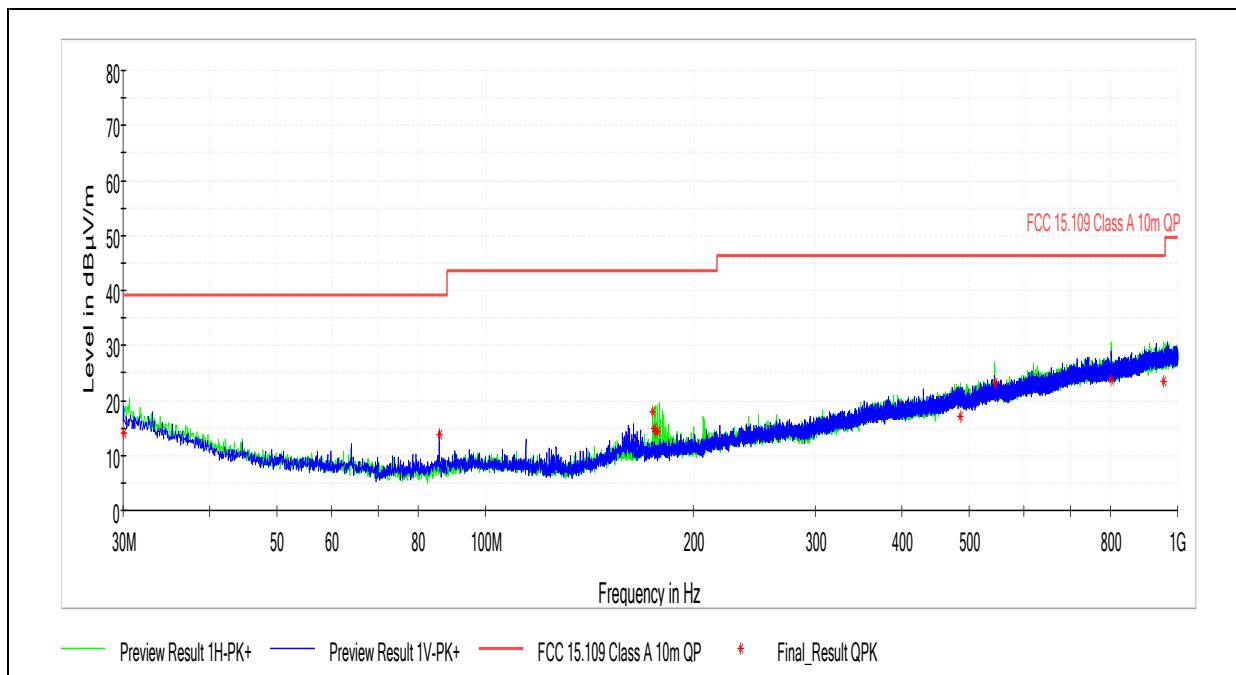
| Description | Asset | Manufacturer | Model | Cal Date | Cal Due |
|----------------------------|-------|-----------------|--------|-----------------------|-----------------------|
| EMI Test Receiver | 8131 | Rhode & Schwarz | ESW44 | 1/15/2020 | 1/15/2022 |
| Bilog Antenna (30MHz-1GHz) | 7085 | SunAR | JB6 | 10/5/2021 | 10/5/2022 |
| System Controller | 4096 | ETS Lindgren | 2090 | Verify at Time of Use | Verify at Time of Use |
| Coaxial Cable | 2589 | | | 12/21/2020 | 12/21/2021 |
| Coaxial Cable | 2590 | | | 12/21/2020 | 12/21/2021 |
| Coaxial Cable | 3172 | | | 12/21/2020 | 12/21/2021 |
| Coaxial Cable | 3339 | | | 12/21/2020 | 12/21/2021 |
| Preamplifier (30MHz-1GHz) | 3919 | Rohde & Schwarz | TS-PR3 | 12/21/2020 | 12/21/2021 |

6.4 Software Utilized:

| Name | Manufacturer | Version |
|-------|-----------------|-----------------|
| EMC32 | Rohde & Schwarz | Version 9.15.02 |

6.5 Results:

The sample tested was found to Comply.

**6.6 Plots/Data: Radiated Emissions, 30MHz – 1GHz (Transmitter Idle)**

| Frequency (MHz) | QuasiPeak (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------------|----------------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 30.040000 | 14.13 | 39.09 | 24.95 | 120.000 | 100.0 | H | 90.0 | -5 |
| 85.902778 | 13.86 | 39.09 | 25.23 | 120.000 | 366.0 | V | 258.0 | -15 |
| 174.358333 | 17.93 | 43.52 | 25.60 | 120.000 | 400.0 | H | 290.0 | -11 |
| 175.452222 | 14.76 | 43.52 | 28.76 | 120.000 | 400.0 | H | 6.0 | -11 |
| 176.424444 | 14.26 | 43.52 | 29.27 | 120.000 | 374.0 | H | 60.0 | -11 |
| 177.412222 | 14.42 | 43.52 | 29.10 | 120.000 | 275.0 | H | 194.0 | -11 |
| 484.734444 | 16.99 | 46.44 | 29.45 | 120.000 | 114.0 | H | 342.0 | -1 |
| 544.110000 | 23.14 | 46.44 | 23.31 | 120.000 | 141.0 | H | 318.0 | 0 |
| 801.810556 | 23.74 | 46.44 | 22.70 | 120.000 | 146.0 | H | 310.0 | 5 |
| 954.645000 | 23.44 | 46.44 | 23.01 | 120.000 | 400.0 | H | 176.0 | 8 |

Test Personnel: Brian Lackey
 Supervising/Reviewing Engineer: N/A
 (Where Applicable) FCC Part 15B
 Product Standard: ICES-003 Issue 7
 Input Voltage: 7.5VDC
 Pretest Verification w / Ambient Signals or BB Source: Yes

Test Date: 10/22/2021
 Limit Applied: Class A
 Ambient Temperature: 21.1C
 Relative Humidity: 51.8%
 Atmospheric Pressure: 982.9mbar

Deviations, Additions, or Exclusions: None

Note: The limits used above are for FCC Part 15B and are more restrictive than the ICES-003 Issue 7 limits.



7 Radiated Emissions (RFID)

7.1 Method

Tests are performed in accordance with ANSI C63.10:2013.

TEST SITE: 10m ALSE

Site Designation: 10m Chamber

Measurement Uncertainty

| Measurement | Frequency Range | Expanded Uncertainty (k=2) | U _{CISPR} |
|------------------------|-----------------|-------------------------------|--------------------|
| Radiated Emissions, 3m | 0.09-30 MHz | 3.2dB | 6.3 dB |
| Radiated Emissions, 3m | 30-1000 MHz | 4.0dB | 6.3 dB |

As shown in the table above our radiated emissions U_{lab} is less than the corresponding U_{CISPR} reference value in CISPR 16-4-2 Table 1, hence the compliance of the product is only based on the measured value, and no measurement uncertainty correction is required.



7.2 Sample Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor to the Receiver Amplitude (including preamplifier) and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF - AG$$

Where

- FS = Field Strength in dB μ V/m
- RA = Receiver Amplitude (including preamplifier) in dB μ V
- CF = Cable Attenuation Factor in dB
- AF = Antenna Factor in dB
- AG = Amplifier Gain in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows.

Assume a receiver reading of 52.0 dB μ V is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted, giving a field strength of 32 dB μ V/m. This value in dB μ V/m was converted to its corresponding level in μ V/m.

RA = 52.0 dB μ V
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
FS = 32 dB μ V/m

To convert from dB μ V to μ V or mV the following was used:

$$UF = 10^{(NF / 20)} \text{ where } UF = \text{Net Reading in } \mu\text{V}$$

NF = Net Reading in dB μ V

Example:

$$FS = RA + AF + CF - AG = 52.0 + 7.4 + 1.6 - 29.0 = 32.0$$
$$UF = 10^{(32 \text{ dB}\mu\text{V} / 20)} = 39.8 \mu\text{V/m}$$

**7.3 Test Equipment Used:**

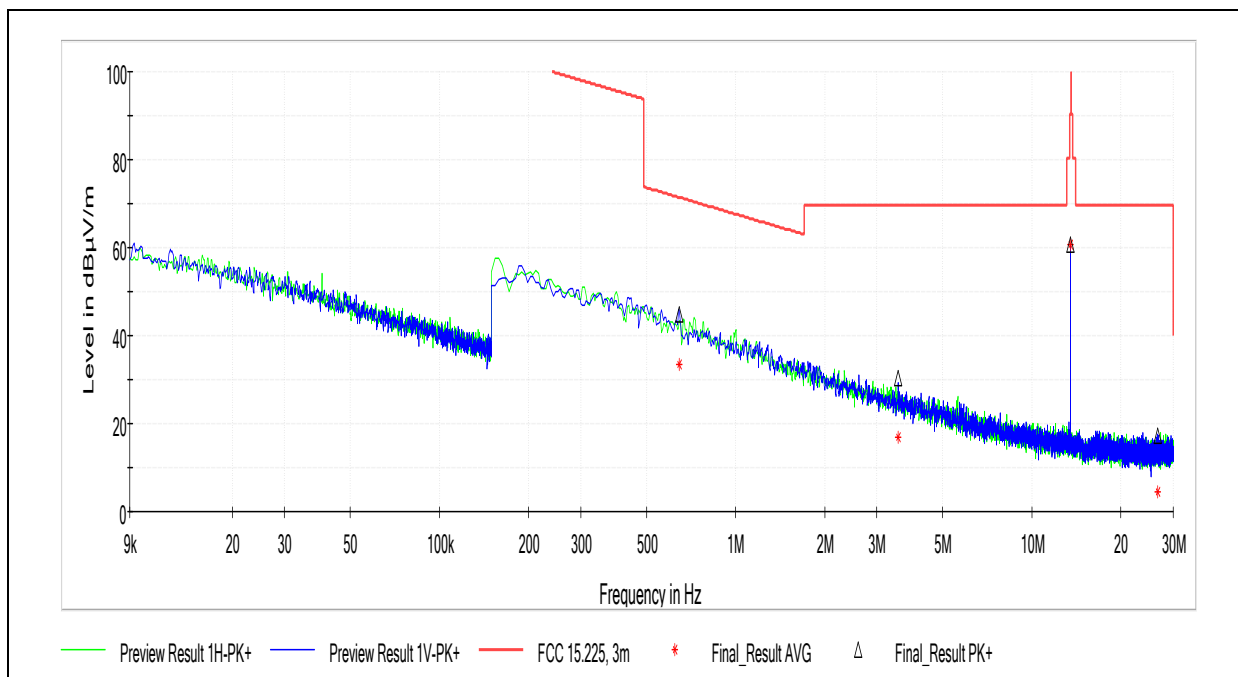
| Description | Asset | Manufacturer | Model | Cal Date | Cal Due |
|----------------------------|-------|-----------------|--------|-----------------------|-----------------------|
| EMI Test Receiver | 8131 | Rhode & Schwarz | ESW44 | 1/15/2020 | 1/15/2022 |
| Magnetic Loop Antenna | 2366 | ETS | 6502 | 7/30/2021 | 7/30/2022 |
| Bilog Antenna (30MHz-1GHz) | 7085 | SunAR | JB6 | 10/5/2021 | 10/5/2022 |
| System Controller | 4096 | ETS Lindgren | 2090 | Verify at Time of Use | Verify at Time of Use |
| Coaxial Cable | 2592 | | | 12/21/2020 | 12/21/2021 |
| Coaxial Cable | 2593 | | | 12/21/2020 | 12/21/2021 |
| Coaxial Cable | 3172 | | | 12/21/2020 | 12/21/2021 |
| Coaxial Cable | 3339 | | | 12/21/2020 | 12/21/2021 |
| Preamplifier (30MHz-1GHz) | 3919 | Rohde & Schwarz | TS-PR3 | 12/21/2020 | 12/21/2021 |

7.4 Software Utilized:

| Name | Manufacturer | Version |
|-------|-----------------|-----------------|
| EMC32 | Rohde & Schwarz | Version 9.15.02 |

7.5 Results:

The sample tested was found to Comply.

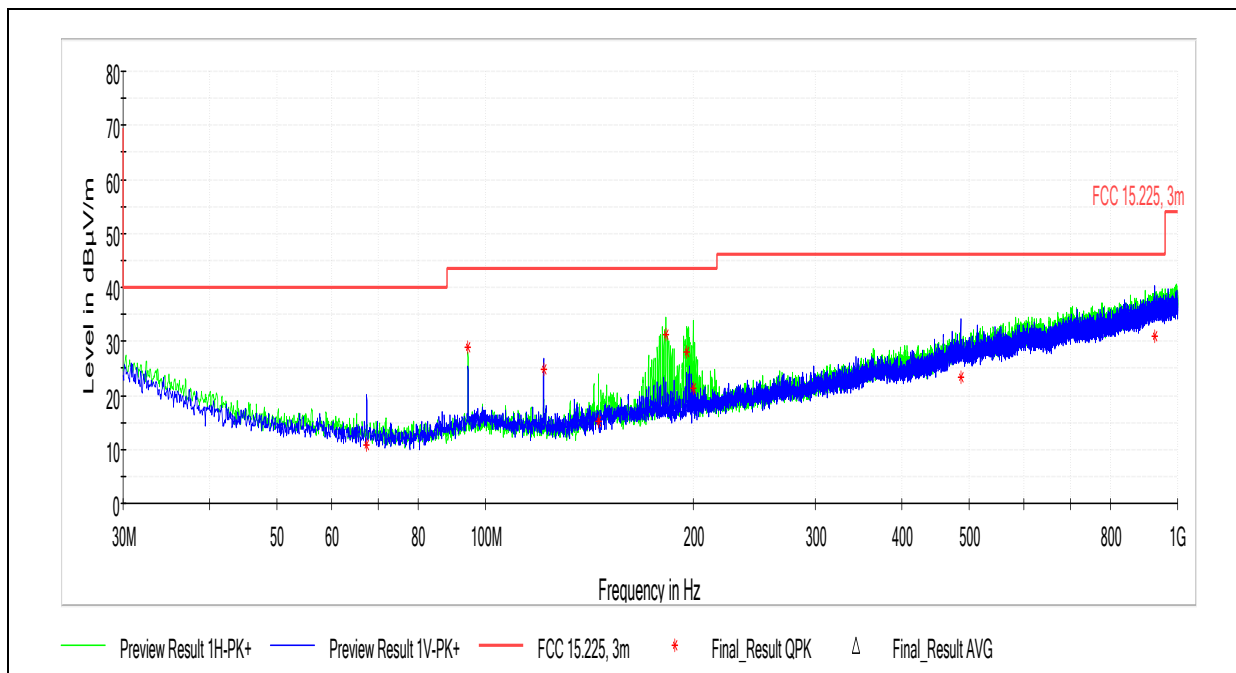
**7.6 Radiated Spurious Emissions (Below 30MHz)**

| Frequency (MHz) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Bandwidth (kHz) | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|----------------|-------------|-----------------|---------------|--------------|
| 0.646037 | 33.29 | 71.41 | 38.12 | 9.000 | 167.0 | 12 |
| 3.534463 | 16.75 | 69.50 | 52.75 | 9.000 | 310.0 | 12 |
| 13.499096 | 60.56 | 90.50 | 29.94 | 9.000 | 262.0 | 11 |
| 26.518963 | 4.60 | 69.50 | 64.90 | 9.000 | 197.0 | 10 |

Test Personnel: Brian Lackey
 Supervising/Reviewing Engineer: NA
 (Where Applicable) FCC Part 15C
 Product Standard: RSS-210 Issue 10
 Input Voltage: 7.5VDC
 Pretest Verification w / Ambient Signals or BB Source: Yes

Test Date: 11/4/2021
 Limit Applied: FCC Part 15.225
 Ambient Temperature: 17.6C
 Relative Humidity: 35.4%
 Atmospheric Pressure: 991.3mbar

Deviations, Additions, or Exclusions: None

**7.7 Radiated Spurious Emissions (30MHz – 1GHz)**

| Frequency (MHz) | QuasiPeak (dBμV/m) | Limit (dBμV/m) | Margin (dB) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|--------------------|----------------|-------------|-----------------|-------------|-----|---------------|--------------|
| 67.452778 | 10.93 | 40.00 | 29.07 | 120.000 | 100.0 | V | 235.0 | 14 |
| 94.451111 | 28.88 | 43.50 | 14.62 | 120.000 | 169.0 | H | 99.0 | 16 |
| 121.449444 | 24.70 | 43.50 | 18.80 | 120.000 | 100.0 | V | 38.0 | 16 |
| 145.753333 | 15.12 | 43.50 | 28.38 | 120.000 | 400.0 | H | 0.0 | 17 |
| 182.290000 | 31.19 | 43.50 | 12.31 | 120.000 | 104.0 | H | 0.0 | 19 |
| 195.546667 | 28.05 | 43.50 | 15.45 | 120.000 | 200.0 | H | 102.0 | 20 |
| 199.588333 | 21.18 | 43.50 | 22.32 | 120.000 | 95.0 | H | 88.0 | 20 |
| 486.007778 | 23.25 | 46.00 | 22.75 | 120.000 | 335.0 | V | 333.0 | 29 |
| 925.687222 | 31.00 | 46.00 | 15.00 | 120.000 | 326.0 | V | 302.0 | 36 |

Test Personnel: Brian Lackey

Supervising/Reviewing Engineer: NA

(Where Applicable) FCC Part 15C

Product Standard: RSS-210 Issue 10

Input Voltage: 7.5VDC

Pretest Verification w / Ambient Signals or BB Source: Yes

Test Date: 11/4/2021

Limit Applied: FCC Part 15.225

Ambient Temperature: 17.6C

Relative Humidity: 35.4%

Atmospheric Pressure: 991.3mbar

Deviations, Additions, or Exclusions: None



8 Frequency Stability

8.1 Test Limits

FCC Part 15.225:

(e) The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency over a temperature variation of -20 degrees to $+50$ degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

RSS-210 Issue 9 § B.6:

Carrier frequency stability shall be maintained to $\pm 0.01\%$ (± 100 ppm).

8.2 Test Method

Tests are performed in accordance with ANSI C63.10:2013.

8.3 Test Equipment Used

| Description | Asset | Manufacturer | Model | Cal Date | Cal Due |
|-----------------------|-------|-----------------|------------|-----------|-----------|
| Spectrum Analyzer | 3099 | Rohde & Schwarz | FSP7 | 9/22/2021 | 9/22/2022 |
| Environmental Chamber | 2150 | Thermotron | SE-600-3-3 | 2/24/2021 | 2/24/2022 |

8.4 Test Results

The sample tested was found to be **compliant**.

**8.5 Test Data**

| Voltage % | Voltage (VDC) | Temp (°C) | Measured Frequency (Hz) | Frequency Error (Hz) | Deviation (%) | Limit (%) |
|-----------|---------------|-----------|-------------------------|----------------------|---------------|-----------|
| 100% | 6 | -20 | 13,499,924 | -106 | 0.0008% | 0.01% |
| 100% | 6 | -10 | 13,499,980 | -50 | 0.0004% | 0.01% |
| 100% | 6 | 0 | 13,500,014 | -16 | 0.0001% | 0.01% |
| 100% | 6 | 10 | 13,500,034 | 4 | 0.0000% | 0.01% |
| 100% | 6 | 20 | 13,500,030 | 0 | 0.0000% | 0.01% |
| 100% | 6 | 30 | 13,500,014 | -16 | 0.0001% | 0.01% |
| 100% | 6 | 40 | 13,499,974 | -56 | 0.0004% | 0.01% |
| 100% | 6 | 50 | 13,499,958 | -72 | 0.0005% | 0.01% |
| 115% | 6.9 | 20 | 13,500,030 | 0 | 0.0000% | 0.01% |
| 85% | 5.1 | 20 | 13,500,030 | 0 | 0.0000% | 0.01% |

Test Personnel: Brian Lackey
Supervising/Reviewing Engineer:
(Where Applicable) NA
FCC Part 15.225
Product Standard: RSS-210 Issue 9
Input Voltage: 7.5VDC
Pretest Verification w / Ambient
Signals or BB Source: Yes

Test Date: 12/1/2021
Limit Applied: See Above
Ambient Temperature: 22.5C
Relative Humidity: 41.1%
Atmospheric Pressure: 984.6mbar

Deviations, Additions, or Exclusions: None



9 Occupied Bandwidth

9.1 Test Limits

15.215(c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

9.2 Test Method

Tests are performed in accordance with ANSI C63.10:2013.

9.3 Test Equipment Used

| Description | Asset | Manufacturer | Model | Cal Date | Cal Due |
|-------------------|-------|-----------------|-------|------------|------------|
| Spectrum Analyzer | 3900 | Rohde & Schwarz | ESU40 | 10/11/2021 | 10/11/2022 |

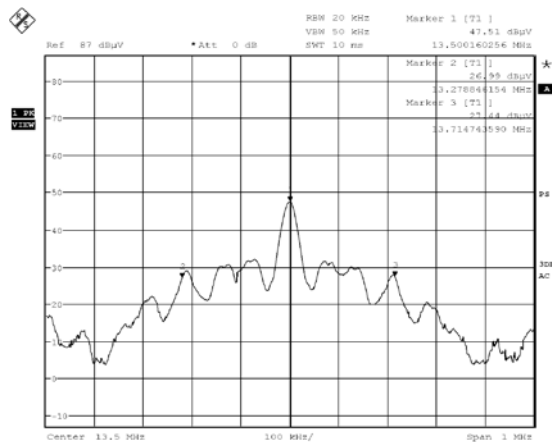
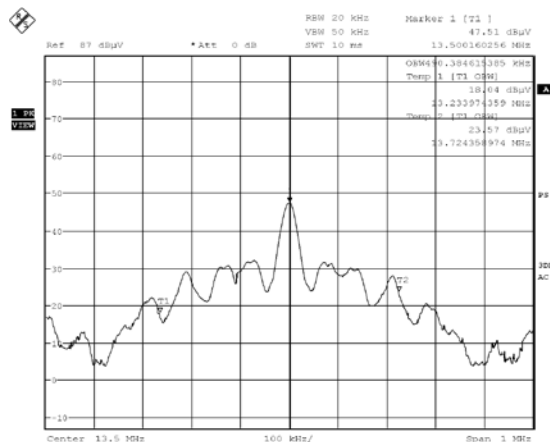
9.4 Test Results

The sample tested was found to be **compliant**. The 99% power bandwidth was measured as was the 20dB down bandwidth. The 20dB bandwidth was entirely within the transmit band 13.11MHz – 14.01MHz as required by FCC Part 15.215.



9.5 Test Data

| RBW | VBW | 99% OBW | 20dB BW |
|--------|--------|-----------|-----------|
| 20 kHz | 50 kHz | 490.4 kHz | 435.9 kHz |



99% Occupied Power Bandwidth (left) and 20dB Bandwidth (right)

Test Personnel: Brian Lackey
Supervising/Reviewing Engineer: NA
(Where Applicable)
Product Standard: RSS-210 Issue 9
Input Voltage: 7.5VDC
Pretest Verification w / Ambient
Signals or BB Source: Yes

Test Date: 12/1/2021
Limit Applied: See Above
Ambient Temperature: 22.5C
Relative Humidity: 41.1%
Atmospheric Pressure: 984.6mbar

Deviations, Additions, or Exclusions: None



10 Antenna Requirement

10.1 Test Limits

FCC Part 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

RSS-Gen Issue 5 § 6.8:

The applicant for equipment certification, as per RSP-100, must provide a list of all antenna types that may be used with the license-exempt transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna.

License-exempt transmitters that have received equipment certification may operate with different types of antennas. However, it is not permissible to exceed the maximum equivalent isotropically radiated power (e.i.r.p.) limits specified in the applicable standard (RSS) for the license-exempt apparatus.

Testing shall be performed using the highest gain antenna of each combination of license-exempt transmitter and antenna type, with the transmitter output power set at the maximum level. When a measurement at the antenna connector is used to determine RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna manufacturer.

User manuals for transmitters equipped with detachable antennas shall also contain the following notice in a conspicuous location:

This radio transmitter (identify the device by certification number) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types approved for use with the transmitter, indicating the maximum permissible antenna gain (in dBi).

10.2 Test Results

The device was found to be **compliant**. The device uses a permanently attached antenna.



11 Revision History

| Revision Level | Date | Report Number | Prepared By | Reviewed By | Notes |
|----------------|-----------|------------------|-------------|-------------|----------------|
| 0 | 12/3/2021 | 104797984LEX-001 | BZ | BCT | Original Issue |
| | | | | | |
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